

Fitz, D. I.
1947
Service Paper

Health and phys. ed programs in teachers'
colleges.

HEALTH AND PHYSICAL EDUCATION
PROGRAMS IN TEACHERS' COLLEGES WHICH
PREPARE ELEMENTARY SCHOOL TEACHERS IN
STATES COMPARABLE TO MAINE
A Thesis Presented for the
Degree of Master of Education
by
Doris I. Fitz, B. Sc. in Ed.
1947

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The Gift of Doris I. Fitz.....

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1947

Gift of Doris I. Fitz
School of Education
June 13, 1947

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HEALTH AND PHYSICAL EDUCATION PROGRAMS IN
TEACHERS' COLLEGES AND NORMAL SCHOOLS
WHICH PREPARE ELEMENTARY SCHOOL TEACHERS
IN STATES COMPARABLE TO MAINE

Chapter I

Introduction

In February, 1946, at a Teachers' College and Normal School Faculty Conference held in the State House, Augusta, Maine, under the State Department of Education, the Deputy Commissioner Edward E. Roderick suggested among other topics for research the "Study of the Programs of other States Comparable with Maine." This thesis is a study in the field of health and physical education.

The population of Maine has been recorded in the 1940 census as 847,226. There has been a 6 per cent population gain in the last decade. Maine has a total area of 32,500 square miles, is 320 miles long, and 210 miles wide. There are 16 counties, 20 cities, 431 towns, 64 plantations, and 373 unorganized townships. The industries are diversified, and at the same time Maine is an agricultural state as approximately 60 per cent of the people live in rural communities. The recreational interests are many and varied; the annual income to the state from this source is \$100,000,000 annually.

The Problem

The war statistics have given startling proof of the fact that the present educational system in the United States has not thus far given its future citizens a good background in health, which includes attitudes of thinking about health, periodic dental and physical examinations, proper balance of living, diet, rest, relaxation, recreation, and a healthy attitude toward life in general.

In physical education much remains to be done by the elementary teachers so that young children learn to play as they progress from grade to grade with a variety of skills and knowledge so that there is a carry-over value of many worthwhile recreational activities for adult living.

For some years there has been a shortage of elementary teachers throughout the United States. This has been due to several factors and is not altogether caused by the war conditions. More high school graduates went directly to work because of high wages offered by industry rather than prepare for teaching with its extremely low salary range. Elementary teaching has not been particularly attractive; nothing has ever been done to glamorize the role of school teachers. Many of the rural elementary schools are in isolated sections of the country and people in these communities have not been willing to accommodate teachers in their rural homes. This has caused many teachers to travel considerable distance over very poor roads

especially during the winter months. There are many elementary teachers teaching at present with temporary teaching permits. Many of these teachers have inadequate preparation.

The Purpose of this Study

The purpose of this study is to find out what is being done in other states which are comparable to Maine in teachers' salaries, school population, agricultural and industrial population, and economic capacity.

The Department of Education of the State of Maine is endeavoring to make education for elementary teachers more attractive, to increase educational requirements for elementary teachers, to give inadequately prepared teachers an opportunity to return to college for further study to obtain a degree, and to raise teachers' salaries. Maine has set up a four-year program in its two-and three-year normal schools. By an act of the Maine Legislature the four-year teachers' colleges offer a B. S. degree in Elementary Education. The other normal schools have lengthened their courses from two years to three years for a certificate. The state is looking forward to the time when all elementary teachers will receive four years of college preparation before becoming eligible to teach.

"It is usually necessary for the classroom teachers to take the responsibility for the teaching of physical education in the primary grades. In a majority of the schools throughout the

First, what is the schedule of the health and physical education?

Irwin, Leslie W. The Curriculum in Health and Physical Education, p. 75

country, the classroom teachers will have to assume full and complete responsibility for physical education without the help of specialized teachers for the primary level.

"Even though it is possible for a school to have specialized teachers in physical education, it is questionable whether they should do the actual teaching in the primary grades. Whenever possible, it is desirable to have specialized supervision of physical education.

"When specialized supervision is available, the greatest efforts of the supervisor should be placed on actually assisting the primary teachers in improving existing programs and teaching procedures."¹

Procedures

Twenty-seven states were selected representing average salary ranges from \$845 to \$1600 according to the figures in the National Education Association Journal, January, 1946.

Patterson's Educational Directory was used to select state department listings. Letters were sent requesting information concerning teachers' colleges and normal schools. Later follow-up letters were sent to the directors of health and physical education within these schools. These names were secured whenever possible from the latest issue of the Membership Directory of the American Association for Health, Physical Education, and Recreation. Two specific requests were made in these letters. First, what is the schedule of the health and physical educa-

¹Irwin, Leslie W. The Curriculum in Health and Physical Education, P. 78

tion requirements for students preparing to teach in elementary schools? Second, are the requirements practically the same in all of the teacher-training institutions within your state?

The responses from these requests clearly indicate that necessary data can be secured in this manner.

In the State of Maine teacher training institutions must provide better preparation for more wholesome living and wiser use of leisure so that our future teachers can inspire our children to lead more healthful lives.

The State of Maine should

- 1 Enact legislation to provide immunization programs in all schools throughout the state.
- 2 Provide the financial means for adequate medical examinations and follow-up work.
- 3 Supply facilities and equipment for audio-visual education in the field of health.
- 4 Add a major course in health and physical education in one of the teachers' colleges.
- 5 Publish more attractive bulletins to induce properly qualified young people, both boys and girls, to train for the teaching profession.
- 6 Offer more scholarships to worthy students in all of the teachers' colleges.

The following table shows the list of states in order of average salaries from highest (1) to lowest (27). The figures in the three subsequent columns show the numerical rank of each state according to population, school enrollment, and number of teachers.

Table I
(continued)

No.	States	Average Salary	Popula- tion	Average Rank	
				School En- rollment	No. of teachers
1	Colorado	\$1,600	18	18	18
2	Minnesota	1,529	8	7	8
3	West Virginia	1,508	14	12	12
4	Wyoming	1,471	27	27	27
5	Oklahoma	1,429	12	8	10
6	Louisiana	1,427	11	11	13
7	Missouri	1,410	2	3	3
8	Montana	1,410	22	24	22
9	Florida	1,390	15	16	15
10	New Mexico	1,360	23	22	24
11	New Hampshire	1,343	25	25	26
12	Virginia	1,308	9	9	9
13	Texas	1,300	1	1	1
14	Idaho	1,260	24	23	23
15	Iowa	1,200	10	10	4
16	Kansas	1,200	16	15	14
17	Vermont	1,165	26	26	25
18	Nebraska	1,159	17	17	16
19	Maine	1,158	19	19	21
20	Kentucky	1,158	6	13	11
21	North Carolina	1,130	3	2	2
22	North Dakota	1,059	21	20	20

Table I
(continued)

		Chapter II		Average Rank	
No.	States	Average Salary ¹	Popula- tion ²	School En- rollment ²	No. of teachers ²
23	Alabama	\$1,009	7	5	6
24	South Dakota	1,000	20	21	19
25	Tennessee	1,000	5	6	7
26	Georgia	923	4	4	5
27	Arkansas	845	13	14	17

in nearly every state in the union. These schools have gained public confidence because these institutions were founded on the idea that these normal schools should devote all of their time specifically to the training of teachers.

The early training period in normal schools was brief, about a year in length. At the end of this training period a teacher could obtain a job teaching for a salary of approximately thirty dollars a month.

One of the contributions of the normal schools was their system of giving prospective students a chance to do practice teaching before being granted a teacher's certificate. These schools also gave in-service training by setting up summer schools.

At the turn of the century as the pace of educational demands expanded, the normal school program grew from one, to two and three year courses. Within the past decade various

¹NEA Journal January, 1946 P. 2

²United States Census 1940

Chapter II

The Early History of Normal Schools and Teachers' Colleges in the United States

1860-1946

The normal school movement in America was brought about by the belief that people educated in the public schools must also have teachers educated by their respective states.

From 1860-1900 the American normal school came into being in nearly every state in the union. These schools have gained public confidence because these institutions were founded on the idea that these normal schools should devote all of their time specifically to the training of teachers.

The early training period in normal schools was brief, about a year in length. At the end of this training period a teacher could obtain a job teaching for a salary of approximately thirty dollars a month.

One of the contributions of the normal schools was their system of giving prospective students a chance to do practice teaching before being granted a teacher's certificate. These schools also gave in-service training by setting up summer schools.

At the turn of the century as the pace of educational demands expanded, the normal school program grew from one, to two and three year courses. Within the past decade various

state legislatures have recognized this change from the standard two and three years of educational preparation to the four year degree course. At the same time many institutions have changed their names from normal schools to teachers' colleges.

As a contrast it might be interesting to examine the course contents of the three-year curriculum eighty-eight years ago.

"First Year
"Reading, orthography, phonetic analysis; geography and map drawing; English grammar and composition; arithmetic, oral and written; history of the United States; drawing with pencil and crayon; vocal music; declamation.

"Second Year
"Rhetorical reading, comprising analysis of the language, grammar, and style of the best English authors; orthography with phonetic and etymological analysis; grammar with analysis of sentences; composition and declamation; algebra, arithmetic reviewed; physiology and hygiene; botany; natural philosophy; astronomy; drawing and music.

"Third Year
"Rhetorical reading, orthography and critical phonetics, etymological analyses; composition and declamation, logical and mental philosophy, and rhetoric; evidences of revealed religion and natural theology; geometry and trigonometry; chemistry, physical geography, and meteorology; rhetorical

analysis of Paradise Lost; drawing and vocal music. Instruction given in French, German, and Latin if desired. Also lessons on the piano or melodeon can be had without cost."¹

Normal School Movement in the West

In the year 1875 there were twenty-five states with one or more normal schools. More than 23,000 students were enrolled in these schools.

Whereas the normal schools of the East attracted many students who could not afford to attend private colleges and limited their work to the preparation of the elementary grade teacher, the normal schools of the West grew rapidly and had very different characteristics. The schools of the West tended toward broader preparation and included not only elementary preparation but also included the secondary level as well.

It was from the West that the term "normal university" came. At first this name perplexed the Easterners. Later they came to understand the name as meaning a college for teachers.

"The Western Normals added a prestige and an aggressiveness which was much needed to counterbalance the humble origin of the movement. The underlying confidence in state-supported normal schools which was held throughout the West led these institutions to put forth exceptional efforts. Their sense of importance and self-worth, combined with their close and definite relationship and responsibility to the classroom teachers in the public schools, caused them to face their problems with a frankly experimental and pragmatic viewpoint."²

¹Harper, Charles A. A Century of Public Teacher Education 1939 pp. 55-56

²Ibid., p. 96

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Normal School Movement in the West

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a frankly experimental and pragmatic viewpoint."

Larger, Charles A. A Century of Public Teacher Education 1839

pp. 28-29

Stid., p. 96

Chapter III

General Information

From the bulletins received from the forty teachers' colleges and normal schools in the twenty-seven states listed in this thesis, it has been possible to tabulate the information that prospective students want to know before enrolling in any institution preparing its graduates to enter the teaching profession. The colleges have been keyed alphabetically by states. The tables include the expenses--tuition, additional fees, board, and room: the opportunities for student aid, scholarships, and employment: the requirements for admission, scholastic and physical: the length of the courses offered: and the degrees granted.

In contrast to the old normal schools, the modern teachers' colleges are gradually raising their entrance requirements and enriching their curricula so that they are on a parity with other professional institutions.

<u>Teachers Colleges and Normal Schools</u>	<u>Location</u>
1 State Teachers College	Florence, Alabama
2 State Teachers College	Troy, Alabama
3 Henderson State Teachers College	Arkadelphia, Arkansas
4 Colorado State College of Education	Greeley, Colorado
5 University of Miami	Miami, Florida
6 Florida State College for Women	Tallahassee, Florida
7 The University of Georgia The College of Education	Athens, Georgia
8 Albion State Normal School	Albion, Idaho
9 Iowa State Teachers College	Cedar Falls, Iowa
10 Kansas State Teachers College	Emporia, Kansas
11 Kansas State Teachers College	Pittsburg, Kansas
12 Eastern Kentucky State Teachers College	Richmond, Kentucky
13 State Teachers College	Farmington, Maine
14 State Teachers College	Gorham, Maine
15 State Teachers College	Duluth, Minnesota
16 State Teachers College	St. Cloud, Minnesota
17 Northeast Missouri State Teachers College	Kirksville, Missouri
18 Northwest Missouri State Teachers College	Maryville, Missouri
19 State Normal College	Dillon, Montana
20 Northern Montana College	Havre, Montana
21 Nebraska State Teachers College	Chadron, Nebraska
22 Nebraska State Teachers College	Kearney, Nebraska
23 Peru State Teachers College	Peru, Nebraska
24 Nebraska Teachers College	Wayne, Nebraska

Teachers Colleges and Normal Schools	Location
1 State Teachers College	Florence, Alabama
2 State Teachers College	Troy, Alabama
3 Henderson State Teachers College	Arkadelphia, Arkansas
4 Colorado State College of Education	Greeley, Colorado
5 University of Miami	Miami, Florida
6 Florida State College for Women	Tallahassee, Florida
7 The University of Georgia The College of Education	Athens, Georgia
8 Alden State Normal School	Aldon, Idaho
9 Iowa State Teachers College	Osaka Falls, Iowa
10 Kansas State Teachers College	Emporia, Kansas
11 Kansas State Teachers College	Pittsburg, Kansas
12 Eastern Kentucky State Teachers College	Richmond, Kentucky
13 State Teachers College	Farmington, Maine
14 State Teachers College	Gorham, Maine
15 State Teachers College	Duluth, Minnesota
16 State Teachers College	St. Cloud, Minnesota
17 Northeast Missouri State Teachers College	Kirksville, Missouri
18 Northwest Missouri State Teachers College	Maryville, Missouri
19 State Normal College	Billion, Montana
20 Northern Montana College	Harlem, Montana
21 Nebraska State Teachers College	Chadron, Nebraska
22 Nebraska State Teachers College	Kearney, Nebraska
23 Peru State Teachers College	Peru, Nebraska
24 Nebraska Teachers College	Wayne, Nebraska

Teachers Colleges and Normal Schools (con.) Location

25	Keene Teachers College	Keene, New Hampshire
26	Plymouth Teachers College	Plymouth, New Hampshire
27	New Mexico State Teachers College	Silver City, New Mexico
28	State Teachers College	Dickinson, North Dakota
29	State Normal and Industrial College	Ellendale, North Dakota
30	State Teachers College	Mayville, North Dakota
31	State Teachers College	Minot, North Dakota
32	Southeastern State College	Durant, Oklahoma
33	Northeastern State College	Tahlequah, Oklahoma
34	East Tennessee State College	Johnson City, Tennessee
35	Middle Tennessee State College	Murfreesboro, Tennessee
36	East Texas State Teachers College	Commerce, Texas
37	State Normal School	Castleton, Vermont
38	State Teachers College	Farmville, Virginia
39	Fairmont State College	Fairmont, West Virginia
40	University of Wyoming	Laramie, Wyoming

Note: The numbers are key numbers and will be used throughout this thesis as reference to these schools and colleges.

Teachers Colleges and Normal Schools (con.) Boston

Keene Teachers College	85	Keene, New Hampshire
Plymouth Teachers College	86	Plymouth, New Hampshire
New Mexico State Teachers College	87	Silver City, New Mexico
State Teachers College	88	Sichinson, North Dakota
State Normal and Industrial College	89	Ellendale, North Dakota
State Teachers College	90	Mayville, North Dakota
State Teachers College	91	Minot, North Dakota
Southeastern State College	92	Gurant, Oklahoma
Northeastern State College	93	Tahlequah, Oklahoma
East Tennessee State College	94	Johnson City, Tennessee
Middle Tennessee State College	95	Murfreesboro, Tennessee
East Texas State Teachers College	96	Commerce, Texas
State Normal School	97	Castleton, Vermont
State Teachers College	98	Farmville, Virginia
Fairmont State College	99	Fairmont, West Virginia
University of Wyoming	40	Laramie, Wyoming

Note: The numbers are key numbers and will be used throughout this thesis as reference to these schools and colleges.

	Tuition and Fees	Board and Room
Key no.		
1	Quarterly \$8 plus \$1.50 each hour credit: part time \$10: out of state \$8 additional.	Quarterly \$75
2	Quarterly \$3 plus \$1.50 each hour credit: out of state \$8 additional.	Quarterly \$60.75
3	Semester \$25	Semester: meals, \$101.25 room, 27.00
4	Quarterly (estimated) \$151.50	Quarterly \$107
5	Academic year, \$350	Semester \$100, cafeteria meals, \$10-\$12.50 weekly
6	Free Non-residents Quarterly \$66.67	Quarterly room \$26, board \$75
7	All fees \$496-\$685	
8	Quarterly \$4 plus \$12.50 out of state \$16.50 additional	Weekly \$8
9	Yearly estimate \$455	Yearly room \$90, board \$252
10	Semester \$210	Semester estimated \$160
11	Semester \$210	Semester estimated \$160
12	Quarterly \$22.50 Out of state \$35	Quarterly rooms \$12-\$27 cafeteria no estimate
13	Yearly \$400-\$500 out of state tuition \$100	\$7 weekly
14	Yearly \$400-\$500 out of state tuition \$100	\$7 weekly
15	Quarterly \$18 out of state \$23	Yearly \$296-\$305
16	Quarterly \$18 out of state \$23	Quarterly \$78-\$81
17	Quarterly \$110	No dormitories meals \$3-\$6
18	Quarterly \$103.25-\$113.25	\$7 weekly

No.	Tuition and Fees	Board and Room
1	Quarterly \$1.50 plus \$1.50 each hour credit: out of state \$3 additional.	Quarterly \$75
2	Quarterly \$3 plus \$1.50 each hour credit: out of state \$3 additional.	Quarterly \$60.75
3	Semester \$25	Semester: meals, \$101.25 room, \$27.00
4	Quarterly (estimated) \$151.50	Quarterly \$107
5	Academic year, \$350	Semester \$100, cafeteria meals, \$10-\$12.50 weekly
6	Free Non-residents	Quarterly \$25.57
7	All fees \$485-\$685	Quarterly room \$28, board \$75
8	Quarterly \$4 plus \$12.50 out of state \$15.50 additional Weekly \$8	Yearly room \$90, board \$252
9	Yearly estimate \$485	Semester estimated \$160
10	Semester \$210	Semester estimated \$160
11	Semester \$210	Quarterly room \$12-\$27 cafeteria no estimate
12	Quarterly \$28.50 Out of state \$35	Yearly \$400-\$500 out of state tuition \$100
13	Yearly \$400-\$500 out of state tuition \$100	Yearly \$395-\$505
14	Quarterly \$18 out of state \$23	Quarterly \$78-\$81
15	Quarterly \$18 out of state \$23	No dormitories meals \$3-\$8
16	Quarterly \$110	Quarterly \$105-\$113.25
17	Quarterly \$105-\$113.25	

Key no.

19	Free out of state \$37.50 semester	Monthly \$37
20	Free out of state \$25 quarterly	Not stated
21	Yearly \$50 North Dakota reciprocal. Iowa, Missouri, Colorado, \$7.50: South Dakota, \$12.50: Indiana, \$18: Wyoming, \$11.25: Kansas, \$15	Weekly rooms \$1.75-\$2.00 cafeteria \$5.00
22	(Same as 21) plus \$.50 each credit hour each semester	Weekly rooms \$2.00-\$4.50 Cafeteria
23	Yearly \$283	Weekly rooms \$1.00-\$1.75 meals \$5.00
24	\$.50 each semester hour	Weekly room \$1.25-\$1.75 cafeteria \$4.25 weekly
25	Free Those not planning to teach in New Hampshire, \$100: out of state \$150.	Quarterly \$63
26	(Same as 25)	
27	Yearly \$27	Monthly \$33.50
28	Yearly \$20 approximately	Monthly \$30-\$33 Trailer rentals \$20-\$30
29	Quarterly \$120 out of state plus \$8.50	Quarterly \$90
30	Quarterly \$130	Monthly rooms \$6-\$8 Board \$24
31	Not stated	
32	Semester \$12 out of state \$25	Weekly \$6-\$8
33	Free general fees \$12 non-resident tuition \$25 each semester	Monthly room \$8-\$14 meals reasonable
34	Free Quarterly fees \$92 out of state plus \$60	Quarterly room average \$5 cafeteria minimum \$45
35	Quarterly \$102	Quarterly room \$15, meals \$42

35	Quarterly \$102	Quarterly room \$15, meals \$42
34	Free Quarterly fees \$92 out of state plus \$60	Quarterly room average \$2 cafeteria minimum \$42
33	Free General fees \$12 non-resident tuition \$25 each semester	Monthly room \$8-\$14 meals reasonable
32	Semester \$12 out of state \$25	Weekly \$6-\$8
31	Not stated	
30	Quarterly \$130	Monthly room \$6-\$8 Board \$24
29	Quarterly \$160 out of state plus \$8.50	Quarterly \$90
28	Yearly \$20 approximately	Monthly \$30-\$33 Trailer rentals \$20-\$25
27	Yearly \$27	Monthly \$33.50
26	(Same as 25)	
25	Free Those not planning to teach in New Hampshire, \$100; out of state \$150.	Quarterly \$33
24	\$.30 each semester hour	Weekly room \$1.25-\$1.75 cafeteria \$4.25 weekly
23	Yearly \$283	Weekly room \$1.00-\$1.75 meals \$3.00
22	(Same as 21) plus \$.50 each credit hour each semester	Weekly room \$2.00-\$4.50 Cafeteria
21	Yearly \$50 North Dakota reciprocal, Iowa, Missouri, Colorado, \$7.50; South Dakota, \$12.50; Indiana, \$18; Wyoming, \$11.25; Kansas, \$15	Weekly room \$1.75-\$2.00 cafeteria \$3.00
20	Free out of state \$25 quarterly	Not stated
19	Free out of state \$37.50 semester	Monthly \$37

Key no.

- | | | |
|----|---|---|
| 36 | Semester \$34.50 | Monthly room \$25 cafeteria |
| 37 | Not stated | |
| 38 | Yearly \$360
out of state plus \$20 | Not stated |
| 39 | Free enrollment \$25
out of state \$50 | Weekly \$6.75-\$10 meals \$5.50 |
| 40 | Yearly \$749.30 | Room \$106.88 yearly, board
\$272.50 |

Student Aid and opportunities for Student
Employment

Key no.

- 1 Students who have completed one quarter with satisfactory marks will be assisted in finding parttime jobs.
- 2 Not stated
- 3 First consideration given to deserving students.
- 4 Many work projects on the campus.
- 5 Not stated
- 6 Not stated
- 7 Not stated
- 8 Possible to earn enough for living expenses.
- 9 Possible but scholarship and health standards must be maintained.
- 10 Employment office maintained to help students.
- 11 (Same as 10)
- 12 Provision for employment.
- 13 Many opportunities for student employment.
- 14 (Same as 13)
- 15 Many opportunities for self-help.
- 16 Students can earn part or all of the cost of attendance.

Key no.	36	37	38	39	40
	Monthly room \$28 cafeteria	Not stated	Yearly \$280 out of state plus \$20	Yearly enrollment \$25 out of state \$50	Yearly \$749.50 Room \$108.88 yearly, board \$272.50

Student Aid and Opportunities for Student Employment

Key no.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Students who have completed one quarter with satisfactory marks will be assisted in finding part-time jobs.	Not stated	First consideration given to deserving students.	Many work projects on the campus.	Not stated	Not stated	Not stated	Possible to earn enough for living expenses.	Possible but scholarship and health standards must be maintained.	Employment office maintained to help students.	(Same as 10)	Provision for employment.	Many opportunities for student employment.	(Same as 13)	Many opportunities for self-help.	Students can earn part or all of the cost of attendance.

Key no.

17 Not stated

18 Placement bureau maintained for students. Three units English, one unit Social Studies, one unit Mathematics.

19 Not stated

20 Many students earn part of their expenses. Mathematics.

21 Students cannot be employed if grades are below "C".

22 Students must have at least a "C" average if employed.

23 Not stated

24 Many types of campus work.

25 Possible to earn part of expenses.

26 (Same as 25)

27 Must maintain a "C" average. Many opportunities for employment.

28 Opportunities for employment are found in many departments.

29 Not stated

30 Scholarship must be above average.

31 Students are assured of employment to meet their needs.

32 Every effort is made to help all worthy students.

33 Opportunities for employment.

34-39 Not stated

40 Many ambitious students succeed in "working their way."

- Key no.
- 17 Not stated
- 18 Placement bureau maintained for students.
- 19 Not stated
- 20 Many students earn part of their expenses.
- 21 Students cannot be employed if grades are below "C".
- 22 Students must have at least a "C" average if employed.
- 23 Not stated
- 24 Many types of campus work.
- 25 Possible to earn part of expenses.
- 26 (Same as 25)
- 27 Must maintain a "C" average. Many opportunities for employment.
- 28 Opportunities for employment are found in many departments.
- 29 Not stated
- 30 Scholarship must be above average.
- 31 Students are assured of employment to meet their needs.
- 32 Every effort is made to help all worthy students.
- 33 Opportunities for employment.
- 34-35 Not stated
- 40 Many ambitious students succeed in "working their way."

Admission and Entrance Requirements

Key no.

- 1 Present transcript accredited high school, three units English, one unit Social Studies, one unit Mathematics.
- 2 Present transcript accredited high school, three units English, one unit Social Studies, one unit Mathematics.
- 3 Graduate of Class A or B high school; smallpox vaccination.
- 4 Accredited high school or matriculative examination, or special, or advance standing other colleges.
- 5 Application blank from high school; physician's certificate, two letters of character references.
- 6 Certificate approved high school or examination, or advance standing other colleges.
- 7 Not stated.
- 8 Must be sixteen years of age before September 1. Transcript of high school record and evidence of good character.
- 9 Formal application and certification from approved high school.
- 10 Graduate of accredited high school, special, or advanced standing other colleges.
- 11 Graduate of accredited high school, special, or advanced standing other colleges.
- 12 Graduate of accredited high school with two majors English and minor (three units major, two units minor) or examination.
- 13 Graduate of accredited high school, letter of recommendation high school principal.
- 14 Graduate of accredited high school, letter of recommendation high school principal.
- 15 Written application for admission, present high school credits, recommendation high school principal.
- 16 Written application for admission, present high school credits, recommendation high school principal.

Admission and Entrance Requirements

- | Key no. | |
|---------|---|
| 1 | Present transcript accredited high school, three units English, one unit Social Studies, one unit Mathematics. |
| 2 | Present transcript accredited high school, three units English, one unit Social Studies, one unit Mathematics. |
| 3 | Graduate of Class A or B high school; smallpox vaccination. |
| 4 | Accredited high school or matriculative examination, or special, or advance standing other colleges. |
| 5 | Application blank from high school; physician's certificate two letters of character references. |
| 6 | Certificate approved high school or examination, or advance standing other colleges. |
| 7 | Not stated. |
| 8 | Must be sixteen years of age before September 1. Transcript of high school record and evidence of good character. |
| 9 | Normal application and certification from approved high school. |
| 10 | Graduate of accredited high school, special, or advanced standing other colleges. |
| 11 | Graduate of accredited high school, special, or advanced standing other colleges. |
| 12 | Graduate of accredited high school with two majors English and minor (three units major, two units minor) or examination. |
| 13 | Graduate of accredited high school, letter of recommendation high school principal. |
| 14 | Graduate of accredited high school, letter of recommendation high school principal. |
| 15 | Written application for admission, present high school credits, recommendation high school principal. |
| 16 | Written application for admission, present high school credits, recommendation high school principal. |

- 17 Graduate first class high school or out of state high school fifteen acceptable units or psychological and aptitude tests.
- 18 Graduate first class high school or out of state high school fifteen acceptable units or psychological and aptitude tests.
- 19 Completion of high school or academy course of four years, fifteen units of work, sixteen years of age, of good moral character.
- 20 Completion of high school or academy course of four years, fifteen units of work, sixteen years of age, of good moral character.
- 21 Official transcript of high school or college record, fifteen units high school, or unclassified students, or in advance standing, sixteen years of age, of good moral character.
- 22 Official transcript of high school or college record, fifteen units high school, or unclassified student, or in advance standing, sixteen years of age, of good moral character.
- 23 Official transcript of high school or college record or special or advance standing.
- 24 Official transcript of high school or college record or special or advance standing.
- 25 Graduate of approved high school, certification of sound scholarship and good character by high school principal.
- 26 Graduate of approved high school, certification of sound scholarship and good character by high school principal.
- 27 Graduate of approved high school with fifteen acceptable units or by examinations, or special student.
- 28 Graduate of approved high school or academy or private school with fifteen units (not including physical education) or special or advance standing.
- 29 Graduate of approved high school or academy or private school with fifteen units (not including physical education) or special or advance standing.
- 30 Graduate of approved high school or academy or private school with fifteen units (not including physical education) or special or advance standing.

- IV Graduate first class high school or out of state high school
fifteen acceptable units or psychological and aptitude tests.
- 18 Graduate first class high school or out of state high school
fifteen acceptable units or psychological and aptitude tests.
- 19 Completion of high school or academy course of four years,
fifteen units of work, sixteen years of age, of good moral
character.
- 20 Completion of high school or academy course of four years,
fifteen units of work, sixteen years of age, of good moral
character.
- 21 Official transcript of high school or college record, fifteen
units high school, or unclassified students, or in
advance standing, sixteen years of age, of good moral
character.
- 22 Official transcript of high school or college record, fifteen
units high school, or unclassified student, or in
advance standing, sixteen years of age, of good moral
character.
- 23 Official transcript of high school or college record or
special or advance standing.
- 24 Official transcript of high school or college record or
special or advance standing.
- 25 Graduate of approved high school, certification of sound
scholarship and good character by high school principal.
- 26 Graduate of approved high school, certification of sound
scholarship and good character by high school principal.
- 27 Graduate of approved high school with fifteen acceptable
units or by examinations, or special student.
- 28 Graduate of approved high school or academy or private
school with fifteen units (not including physical education)
or special or advance standing.
- 29 Graduate of approved high school or academy or private
school with fifteen units (not including physical education)
or special or advance standing.
- 30 Graduate of approved high school or academy or private
school with fifteen units (not including physical education)
or special or advance standing.

- 31 Graduate of approved high school or academy or private school with fifteen units (not including physical education) or special or advance standing.
- 32 Graduate of approved high school, three-four units English, two units history, one-two units mathematics, one unit natural science: or advance standing. A unit equals one year high school work five periods per week.
- 33 Graduate of approved high school, fifteen approved units or certification and examination.
- 34 Graduate of approved high school, fifteen approved units or certification and examination.
- 35 Graduate of approved high school, fifteen approved units or certification and examination.
- 36 Entrance requirement fifteen units high school work, good moral character: or advance standing.
- 37 Not stated.
- 38 Certificate first-class high school or advance standing or by examination. Teachers who cannot meet requirements will be admitted. (Elementary certificate and five years of teaching experience is required of these teachers, however.)
- 39 Certificate first-class high school or advance standing or examination.
- 40 Certificate approved high school or special or examination.

Table I

Combination types of admission and entrance requirements.

Accredited High School	Immuniza- tion	Character Reference	Examina- tion	Advanced Standing	Doctor's Certificate
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36	1	8	12	30	1
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- 31 Graduate of approved high school or academy or private school with fifteen units (not including physical education) or special or advance standing.
- 32 Graduate of approved high school, three-four units English, two units history, one-two units mathematics, one unit natural science; or advance standing. A unit equals one year high school work five periods per week.
- 33 Graduate of approved high school, fifteen approved units or certification and examination.
- 34 Graduate of approved high school, fifteen approved units or certification and examination.
- 35 Graduate of approved high school, fifteen approved units or certification and examination.
- 36 Entrance requirement fifteen units high school work, good moral character; or advance standing.
- 37 Not stated.
- 38 Certificate first-class high school or advance standing or by examination. Teachers who cannot meet requirements will be admitted. (Elementary certificate and five years of teaching experience is required of these teachers, however.)
- 39 Certificate first-class high school or advance standing or examination.
- 40 Certificate approved high school or special or examination.

Table I

Combination types of admission and entrance requirements.				
Accredited High School	Immunized Reference	Character Examination	Advanced Doctor's Standing Certificate	
36	1	2	30	1

Student Health

- 1 Annual Examination by the college physician.
- 2 Not stated.
- 3 Physical examination at time of registration, x-ray, vaccination.
- 4 Health examination at matriculation.
- 5 Detailed information on physical condition by some physician.
- 6 Detailed information of physical condition by some physician.
- 7 Not stated.
- 8 Thorough physical examination. Unfavorable report may result in refusal to admit.
- 9 Physical examination by a college physician.
- 10 Annual physical examination.
- 11 Excellent provisions are made for physical examination of new enrollees each year.
- 12 Not stated.
- 13 Physical examination by student's family physician.
- 14 Physical examination by student's family physician.
- 15 Complete physical examination each year including Mantoux test.
- 16 Complete physical examination each year including Mantoux test.
- 17 Free examinations, consultations, and treatment are available.
- 18 Not stated.
- 19 Not stated.
- 20 Not stated.

Student Health

- 1 Annual Examination by the college physician.
- 2 Not stated.
- 3 Physical examination at time of registration, x-ray, vaccination.
- 4 Health examination at matriculation.
- 5 Detailed information on physical condition by some physician.
- 6 Detailed information of physical condition by some physician.
- 7 Not stated.
- 8 Thorough physical examination. Unfavorable report may result in refusal to admit.
- 9 Physical examination by a college physician.
- 10 Annual physical examination.
- 11 Excellent provisions are made for physical examination of new enrollees each year.
- 12 Not stated.
- 13 Physical examination by student's family physician.
- 14 Physical examination by student's family physician.
- 15 Complete physical examination each year including Mantoux test.
- 16 Complete physical examination each year including Mantoux test.
- 17 Free examinations, consultations, and treatment are available.
- 18 Not stated.
- 19 Not stated.
- 20 Not stated.

- 21 Annual health examination. Health education course required by law.
- 22 Questioned about vaccination, diphtheria, typhoid inoculation, Wasserman, and tuberculin tests.
- 23 Not stated.
- 24 Not stated.
- 25 Present physician's certificate. Good health and no defects that would interfere with teaching.
- 26 (Same as 25)
- 27 Physical examination by college physician.
- 28 Physical examination local medical staff.
- 29 Not stated.
- 30 Not stated.
- 31 An annual complete physical examination.
- 32 An annual physical examination.
- 33 Not stated.
- 34 An annual physical examination.
- 35 Students given immunizations. Physical examinations each year.
- 36 Not stated.
- 37 Not stated.
- 38 Not stated.
- 39 Health examination by college physician.
- 40 Physical examination upon entrance including serology, tuberculin test, smallpox vaccination, and urinalysis.

- 31 Annual health examination. Health education course required by law.
- 32 Questioned about vaccination, diphtheria, typhoid inoculation, Wasserman, and tuberculin tests.
- 33 Not stated.
- 34 Not stated.
- 35 Present physician's certificate. Good health and no defects that would interfere with teaching.
- 36 (Same as 35)
- 37 Physical examination by college physician.
- 38 Physical examination local medical staff.
- 39 Not stated.
- 40 Not stated.
- 41 An annual complete physical examination.
- 42 An annual physical examination.
- 43 Not stated.
- 44 An annual physical examination.
- 45 Students given immunizations. Physical examinations each year.
- 46 Not stated.
- 47 Not stated.
- 48 Not stated.
- 49 Health examination by college physician.
- 50 Physical examination upon entrance including serology, tuberculin test, amalex vaccination, and urinalysis.

Table II

Key no.	Degree	Student Health	Degree		
Annual Physical Examination by College Physician	Not Stated	Family Physician	Required Immunization	Required Physical Examination at time of Registration	
3	B. 15	14	4	6	B. 5
4	A. B.		24	B. A.	
5	Bachelor of Education		25	Bachelor of Education	
6	A. B.		26	Bachelor of Education	
7	B. S.		27	B. S.	
8	B. A.		28	B. A.	
9	B. A.		29	None	
10	B. S.		30	B. A.	
11	B. S.		31	B. A.	
12	B. S.		32	B. A. and B. S.	
13	B. S.		33	Bachelor of Education	
14	B. S.		34	B. S.	
15	B. S.		35	B. S.	
16	B. S.		36	B. S. or B. A.	
17	B. S.		37	B. S.	
18	B. S.		38	B. S. or B. S.	
19	Bachelor of Education		39	B. A.	
20	None		40	B. A.	

Table III

Degree or Certification			
B. S.	B. A. or A. B.	B. of Ed.	Certification
22	18	3	2

Table II

Student Health

Annual Physical Examination by College Physician	Not Stated Physician	Family Physician	Required Immuniza- tion	Required Physical Examination at time of Registra- tion
15	14	4	6	5

Long Degrees Granted Courses

Key no.	Degree	Key no.	Degree
1	B. S. Elementary Education	21	B. S. two, and four years
2	B. S. three, and four years	22	B. A. and B. S., and four years
3	B. S. years	23	A. B.
4	A. B. years and five years	24	B. A.
5	Bachelor of Education	25	Bachelor of Education four years
6	A. B. years	26	Bachelor of Education four years, agreement to
7	B. S. years	27	B. S. in state or pay tuition
8	B. A. years and two years certificate course	28	B. A.
9	B. A.	29	None in state or pay tuition
10	B. S. quarter curriculum	30	B. A.
11	B. S.	31	B. A.
12	B. S.	32	B. A. and B. S.
13	B. S.	33	Bachelor of Education rural curriculum, two and three years
14	B. S.	34	B. S.
15	B. S.	35	B. S. credit hours rural, two and four years
16	B. S.	36	B. S. or B. A.
17	B. S.	37	B. S.
18	B. S.	38	B. S. or B. S.
19	Bachelor of Education	39	B. A.
20	None	40	B. A.

Table III

Degree or Certification

B. S.	B. A. or A. B.	B. of Ed.	Certification
22	15	5	2

Key no.	Degree	Key no.	Degree
1	B. S. Elementary Education	21	B. S.
2	B. S.	22	B. A. and B. S.
3	B. S.	23	A. B.
4	A. B.	24	B. A.
5	Bachelor of Education	25	Bachelor of Education
6	A. B.	26	Bachelor of Education
7	B. S.	27	B. S.
8	B. A.	28	B. A.
9	B. A.	29	None
10	B. S.	30	B. A.
11	B. S.	31	B. A.
12	B. S.	32	B. A. and B. S.
13	B. S.	33	Bachelor of Education
14	B. S.	34	B. S.
15	B. S.	35	B. S.
16	B. S.	36	B. S. or B. A.
17	B. S.	37	B. S.
18	B. S.	38	B. S. or B. S.
19	Bachelor of Education	39	B. A.
20	None	40	B. A.

Table III

Key no.	Degree or Certification	Key no.	Degree or Certification
1	B. S.	21	B. S.
2	B. A. or A. B.	22	B. A. or A. B.
3	B. S.	23	B. S.
4	B. S.	24	B. S.
5	B. S.	25	B. S.
6	B. S.	26	B. S.
7	B. S.	27	B. S.
8	B. S.	28	B. S.
9	B. S.	29	B. S.
10	B. S.	30	B. S.
11	B. S.	31	B. S.
12	B. S.	32	B. S.
13	B. S.	33	B. S.
14	B. S.	34	B. S.
15	B. S.	35	B. S.
16	B. S.	36	B. S.
17	B. S.	37	B. S.
18	B. S.	38	B. S.
19	B. S.	39	B. S.
20	B. S.	40	B. S.

Length of Elementary Course

Key No.		Key No.	
1	Two, three, and four years	21	One, two, and four years
2	Two, three, and four years	22	One, two, three, and four years
3	Four years	23	One year, two, three, and four
4	Four years and five years	24	One, two, three, and four years
5	Four years	25	Four years, agreement to teach in state or pay tuition
6	Four years	26	Four years, agreement to teach in state or pay tuition
7	Four years	27	Four years
8	Four years and two years certificate course	28	One year rural, two and four years
9	Two years, four years, four quarter curriculum rural	29	Sixty quarter hour rural curriculum, two and three years
10	Two, three, and four years	30	Sixty credit hours rural, two and four years
11	Two, three, and four years	31	Two and four years
12	Four years	32	One, four, and five years
13	Four years	33	One, four, and five years
14	Four years	34	Two and four years
15	Two and four years	35	Four years
16	Two years and four years	36	Three and four years
17	Two, three, and four years		
18	Two, three, and four years		
19	Two and four years		
20	Two, three, and four years		

Length of Elementary Course

Key No.		Key No.	
1	Two, three, and four years	21	One, two, and four years
2	Two, three, and four years	22	One, two, three, and four years
3	Four years	23	One year, two, three, and four
4	Four years and five years	24	One, two, three, and four years
5	Four years	25	Four years, agreement to teach in state or pay tuition
6	Four years	26	Four years, agreement to teach in state or pay tuition
7	Four years	27	Four years
8	Four years and two years certificate course	28	One year rural, two and four years
9	Two years, four years, four quarter curriculum rural	29	Sixty quarter hour rural curriculum, two and three years
10	Two, three, and four years	30	Sixty credit hours rural, two and four years
11	Two, three, and four years	31	Two and four years
12	Four years	32	One, four, and five years
13	Four years	33	One, four, and five years
14	Four years	34	Two and four years
15	Two and four years	35	Four years
16	Two years and four years	36	Three and four years
17	Two years and four years		
18	Two, three, and four years		
19	Two, three, and four years		
20	Two and four years		
21	Two, three, and four years		

- 37 Two years and four years
38 Two years and four years
39 Two years and four years
40 Four years and five years

Table IV

Length of Elementary Teacher Training Course

Less than a year	One year	Two years
4	7	25
Three years	Four years	Five years
12	40	3

- 37. Two years and four years
- 38. Two years and four years
- 39. Two years and four years
- 40. Four years and five years

Table IV

Length of Elementary Teacher Training Courses

Less than a year	One year	Two years
4	7	25
Three years	Four years	Five years
12	41	3

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Specific Physical Education Requirements for

Elementary School Teachers

Physical Education Requirements

Length of Physical Education Courses for

Elementary School Teachers

Key no.	Key no.	Key no.	Key no.
1 Four years	11 Four years	21 Two years	31 Two years
2 Four years	12 Two years	22 Two years	32 One year
3 Three years	13 Two years	23 Two years	33 One year
4 Sixteen hrs.	14 Two years	24 Two years	34 One year
5 Not stated	15 Two years	25 Four years	35 Six qtrs.
6 Three years	16 Two years	26 Four years	36 Two years
7 Two years	17 One year	27 Two years	37 Three years
8 Two years	18 Three years	28 Two years	38 Three years
9 Two years	19 Two years	29 Two years	39 Six hrs.
10 Two years	20 Two years	30 Two years	40 Two years
			also
			1 qu. jr.
			1 qu. sr.
			years

Table V

Length of Physical Education Courses for

Elementary School Teachers

One year	Two years	Three years	Four years	Hours, Not stated Quarters, and other Require- ments	3
2	22	5	5	5	

Chapter IV

Physical Education Requirements

Length of Physical Education Courses for

Elementary School Teachers

Key no.	Key no.	Key no.	Key no.
1 Four years	11 Four years	21 Two years	31 Two years
2 Four years	12 Two years	22 Two years	32 One year
3 Three years	13 Two years	23 Two years	33 One year
4 Sixteen hrs.	14 Two years	24 Two years	34 One year
5 Not stated	15 Two years	25 Four years	35 Six yrs.
6 Three years	16 Two years	26 Four years	36 Two years
7 Two years	17 One year	27 Two years	37 Three years
8 Two years	18 Three years	28 Two years	38 Three years
9 Two years	19 Two years	29 Two years	39 Six yrs.
10 Two years	20 Two years	30 Two years	40 Two years
			also
			1 yr. jr.
			1 yr. sr.
			years

Table V

Length of Physical Education Courses for

Elementary School Teachers

One year	Two years	Three years	Four years	Hours, Not stated
3	22	5	5	quarters, and other
				Requirements
				ments
				3

Specific Physical Education Requirements for
Elementary School Teachers

Key no.	Key no.	Key no.	Key no.
1 Yes 2 yrs.	11 Yes 2 yrs.	21 Yes 2 yrs.	31 Yes 2 yrs.
2 Yes 2 yrs.	12 Yes 2 yrs.	22 Yes 2 yrs.	32 Yes 1 yr.
3 Yes 2 yrs.	13 Yes 2 yrs.	23 Yes 2 yrs.	33 Yes 1 yr.
4 Yes --	14 Yes 2 yrs.	24 Yes 2 yrs.	34 Yes 1 yr.
5 Yes --	15 Yes --	25 Yes 4 yrs.	35 Yes 6 qtrs.
6 Yes 3 yrs.	16 Yes 2 yrs.	26 Yes 4 yrs.	36 Yes 2 yrs.
7 Yes 2 yrs.	17 Yes 1 yr.	27 Yes 2 yrs.	37 Yes 3 yrs.
8 Yes 2 yrs.	18 Yes 3 yrs.	28 Yes 2 yrs.	38 Yes 2 yrs.
9 Yes 2 yrs.	19 Yes 2 yrs.	29 Yes 2 yrs.	39 Yes 6 hrs.
10 Yes 2 yrs.	20 Yes 2 yrs.	30 Yes 2 yrs.	40 Yes 2 yrs.

Table VI

Specific Physical Education Requirements for
Elementary School Teachers

One year	Two years	Three years	Four years	Other Requirements
2	26	3	2	7

Specific Physical Education Requirements for

Elementary School Teachers

Key no.	Key no.	Key no.	Key no.	Key no.
1 Yes 2 yrs. 11 Yes 2 yrs. 21 Yes 2 yrs. 31 Yes 2 yrs.	2 Yes 2 yrs. 12 Yes 2 yrs. 22 Yes 2 yrs. 32 Yes 1 yr.	3 Yes 2 yrs. 13 Yes 2 yrs. 23 Yes 2 yrs. 33 Yes 1 yr.	4 Yes -- 14 Yes 2 yrs. 24 Yes 2 yrs. 34 Yes 1 yr.	5 Yes -- 15 Yes -- 25 Yes 4 yrs. 35 Yes 6 yrs.
6 Yes 3 yrs. 16 Yes 2 yrs. 26 Yes 4 yrs. 36 Yes 2 yrs.	7 Yes 2 yrs. 17 Yes 1 yr. 27 Yes 2 yrs. 37 Yes 3 yrs.	8 Yes 2 yrs. 18 Yes 2 yrs. 28 Yes 2 yrs. 38 Yes 2 yrs.	9 Yes 2 yrs. 19 Yes 2 yrs. 29 Yes 2 yrs. 39 Yes 6 yrs.	10 Yes 2 yrs. 20 Yes 2 yrs. 30 Yes 2 yrs. 40 Yes 2 yrs.

Table VI

Specific Physical Education Requirements for

Elementary School Teachers

One year	Two years	Three years	Four years	Other Requirements
2	26	3	2	7

Additional Elective Physical Education Courses

Key no.		Key no.		Key no.		Key no.	
1	Yes	11	Yes	21	Yes	31	Yes
2	Yes	12	Yes	22	Yes	32	Yes
3	Yes	13	No	23	Yes	33	Yes
4	Yes	14	No	24	Yes	34	Yes
5	Yes	15	Yes	25	No	35	Yes
6	Yes	16	Yes	26	No	36	Yes
7	Yes	17	Yes	27	Yes	37	No
8	Yes	18	Yes	28	Yes	38	Yes
9	Yes	19	Yes	29	Yes	39	Yes
10	Yes	20	No	30	Yes	40	Yes

Table VII

Electives in Physical Education Courses

Electives	No Electives
-----------	--------------

34	6
----	---

Additional Elective Physical Education Courses

Key no.	Key no.	Key no.	Key no.
1 Yes	11 Yes	21 Yes	31 Yes
2 Yes	12 Yes	22 Yes	32 Yes
3 Yes	13 No	23 Yes	33 Yes
4 Yes	14 No	24 Yes	34 Yes
5 Yes	15 Yes	25 No	35 Yes
6 Yes	16 Yes	26 No	36 Yes
7 Yes	17 Yes	27 Yes	37 No
8 Yes	18 Yes	28 Yes	38 Yes
9 Yes	19 Yes	29 Yes	39 Yes
10 Yes	20 No	30 Yes	40 Yes

Table VII

Electives in Physical Education Courses

Electives No Electives

84 6

Specific Health Course Requirements for
Elementary School Teachers

Key no.	Key no.	Key no.	Key no.
1 2 yrs.	11 1 yr.	21 1 yr.*	31 1 qu.
2 2 yrs	12 1 yr.*	22 1 yr.	32 not stated
3 1 yr.*	13 2 yrs.	23 1 yr.	33 4 hours
4 #	14 2 yrs.	24 1 yr.	34 1 yr.
5 #	15 2 yrs.*	25 2 yrs.	35 #
6 1 yr.	16 2 yrs.	26 2 yrs.	36 not stat- ed
7 1 yr.	17 1 yr.	27 3 hours	37 1 yr.
8 2 yrs.	18 2 yrs.	28 1 yr.	38 3 hours
9 1 yr.	19 1 yr.	29 1 quarter	39 2 hours
10 1 yr.	20 1 yr.	30 1 quarter	40 not stated

* Safety Education

Health Courses but length not specified

Table VIII

Specific Health Course Requirements for
Elementary School Teachers

One year	Two years	Hour requirement	Others	Not stated
17	10	4	6	3
Intercollegiate sports				
Physical fitness activities				
Gymnastics				
Eurythmics				
Military Science				

Specific Health Course Requirements for
Elementary School Teachers

Key no.	Key no.	Key no.	Key no.
1 2 yrs.	11 1 yr.	21 1 yr.*	31 1 yr.
2 2 yrs	12 1 yr.*	22 1 yr.	32 not stated
3 1 yr.	13 2 yrs.	23 1 yr.	33 4 hours
4 1/2	14 2 yrs.	24 1 yr.	34 1 yr.
5 1/2	15 2 yrs.*	25 2 yrs.	35 1/2
6 1 yr.	16 2 yrs.	26 2 yrs.	36 not stated
7 1 yr.	17 1 yr.	27 3 hours	37 1 yr.
8 2 yrs.	18 2 yrs.	28 1 yr.	38 3 hours
9 1 yr.	19 1 yr.	29 1 quarter	39 2 hours
10 1 yr.	20 1 yr.	30 1 quarter	40 not stated

* Safety Education

1/2 Health Courses but length not specified

Table VIII

Specific Health Course Requirements for
Elementary School Teachers

One Year	Two Years	Hour requirement	Others	Not stated
14	10	4	6	3

Physical Activity Courses According to Listings

Physical Education Activities	37	Badminton	10
Elementary Methods and)		Softball	9
Materials in Physical)	35	Life saving	9
Education)		Gymnastics	9
Individual Gymnastics)	34	Sport education	9
Corrective)		Minor sports	9
Recreational Activities	34	Golf	9
Coaching and officiating (Men)	28	Team games	9
Track	27	Individual athletics	8
Basketball	27	Teaching of physical)	5
Tennis	25	education)	
Coaching and officiating	23	Wrestling	4
(women)		Soccer	4
Dancing (all kinds)	20	Fieldball	4
Folk dancing	19	Hockey	4
Football	17	Singing games	3
Swimming	17	Boxing	3
Rhythms	15	Equitation	3
Leadership clubs and scouting	15	Fencing	3
Stunts and tumbling	15	Touch football	3
Intramural sports	14	Intercollegiate sports	2
Volleyball	14	Physical fitness activities	2
Baseball	13	Calisthenics	2
Playground and management	12	Eurythmics	2
Archery	10	Military Science	2
School Games	10		

Physical Activity Courses According to Listing

Physical Education Activities 37	Badminton	10
Physical Education Activities 37	Golfball	9
Physical Education Activities 37	Life saving	9
Physical Education Activities 37	Gymnastics	9
Physical Education Activities 37	Sport education	9
Physical Education Activities 37	Minor sports	9
Physical Education Activities 37	Golf	9
Physical Education Activities 37	Team games	9
Physical Education Activities 37	Individual athletics	8
Physical Education Activities 37	Teaching of physical education	5
Physical Education Activities 37	Wrestling	4
Physical Education Activities 37	Soccer	4
Physical Education Activities 37	Fieldball	4
Physical Education Activities 37	Hockey	4
Physical Education Activities 37	Sticking games	3
Physical Education Activities 37	Boxing	3
Physical Education Activities 37	Equestrian	3
Physical Education Activities 37	Fencing	3
Physical Education Activities 37	Touch football	3
Physical Education Activities 37	Intercollegiate sports	9
Physical Education Activities 37	Physical fitness activities	3
Physical Education Activities 37	Gymnastics	3
Physical Education Activities 37	Military Science	3
Physical Education Activities 37	Archery	10
Physical Education Activities 37	Management	12
Physical Education Activities 37	Baseball	13
Physical Education Activities 37	Volleyball	14
Physical Education Activities 37	Instrumental sports	14
Physical Education Activities 37	Stunts and tumbling	15
Physical Education Activities 37	Leadership clubs and scouting	15
Physical Education Activities 37	Rhythms	15
Physical Education Activities 37	Swimming	17
Physical Education Activities 37	Football	17
Physical Education Activities 37	Folk dancing	18
Physical Education Activities 37	Dancing (all kinds)	20
Physical Education Activities 37	Coaching and officiating (women)	23
Physical Education Activities 37	Coaching and officiating	23
Physical Education Activities 37	Tennis	25
Physical Education Activities 37	Basketball	27
Physical Education Activities 37	Track	27
Physical Education Activities 37	Coaching and officiating (Men)	28
Physical Education Activities 37	Minor sports	34
Physical Education Activities 37	Sport education	34
Physical Education Activities 37	Gymnastics	34
Physical Education Activities 37	Life saving	35
Physical Education Activities 37	Golfball	37
Physical Education Activities 37	Badminton	37

Conditioning activities	2	Marching band	1
Skating	2	Handball	1
Winter sports	1	Table tennis	1
Shuffleboard	1	Roller skating	1
Paddle tennis	1	Playground ball	1
Tenniquoits	1	Speedball	1
Primary grade activities	1	Art of self defense	1
Supervision of physical education	1	Aerial darts	1

Table IX

Physical Education Activity Course Requirements

Year	One hour	Two hours	Three hours
Freshman	1	17	11
Sophomore	2	17	9
Junior		4	3
Senior		2	2

Twelve schools gave no statement that could be interpreted into hours of activity.

There is a general trend toward activity programs in the freshman and sophomore years.

Twenty-two teachers' colleges and normal schools listed Women's Athletic Associations, two others listed Women's Recreational Associations.

Conditioning activities	2	Marching band	1
Skating	2	Handball	1
Winter sports	1	Table tennis	1
Shuffleboard	1	Roller skating	1
Paddle tennis	1	Playground ball	1
Tennis	1	Speedball	1
Primary grade activities	1	Art of self defense	1
Supervision of physical education	1	Aerial derby	1

Table IX

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Freshman	1	17	11
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There is a general trend toward activity programs in the

Freshman and sophomore years.

Twenty-two teachers, colleges and normal schools listed

Women's Athletic Associations, two others listed Women's

Recreational Associations.

Other Courses in Physical Education Curricula

According to Listings

First Aid and Home Nursing	37	Massage	1
Organization and Administration	32	Health Service	1
Health Education	27	Common Diseases	1
Hygiene	27	Red Cross Nursing	1
Health Education for Elementary Teachers	25	Problems in Curriculum Construction	1
History and Theory of Physical Education	24	Sports Appreciation	1
Kinesiology	18	Appreciation of Physical Education	1
Safety Education	14	Narcotic Education	1
Physical Education in the School Program	10	The Physical Examination	1
Science Courses			
Tests and Measurements	9	Biology	19
Nutrition	8	Physical Science	13
School Health Problems	8	Science for Elementary Teachers	13
Pageantry and Festival	6	Biological Science	6
Treatment of Athletic Injuries	5	Physics	5
Physiology of Exercise	5	Geology	4
Orientation or Introduction to Physical Education	4	Chemistry	4
Home Economics	2	Science of the Out-of-doors	4
School Building Construction	1	Mathematics	3
Selection and Preparation of Foods	1	Man and the Scientific World	2
Music Appreciation	1	Botany	2

Other Courses in Physical Education Curriculum

According to Listing

1	First Aid and Home Nursing	37	Massage	1
1	Organization and Administration	38	Health Service	1
1	Health Education	37	Common Diseases	1
1	Hygiene	37	Red Cross Nursing	1
1	Health Education for Elementary Teachers	38	Problems in Curriculum Construction	1
1	History and Theory of Physical Education	34	Sports Appreciation	1
1	Kinesiology	18	Appreciation of Physical Education	1
1	Safety Education	14	Narcotic Education	1
1	Physical Education in the School Program	10	The Physical Examination	1
1	Tests and Measurements	9	Science Courses	
1	Nutrition	8	Biology	13
1	School Health Problems	8	Physical Science	13
1	Pageantry and Festival	8	Science for Elementary Teachers	13
1	Treatment of Athletic Injuries	8	Biological Science	8
1	Physiology of Exercise	8	Physics	8
1	Orientation or Introduction to Physical Education	4	Geology	4
1	Home Economics	2	Chemistry	4
1	School Building Construction	1	Science of the Out-of-Doors	4
1	Selection and Preparation of Foods	1	Mathematics	3
1	Music Appreciation	1	Man and the Scientific World	2
1		1	Botany	2

Elementary Zoology	2	Elementary Bacteriology	1
Astronomy	2	General Bacteriology	1
Agriculture and Nature Study	1	Topographic Features of the Earth	1
Parasitology	1		

Number of Faculty in Physical Education Department

Key no.		Key no.	
1	2	21	3
2	4 2 on leave	22	4
3	3	23	3
4	6	24	3 1 dual teacher
5	3	25	3
6	7 M. D. professor of Hygiene	26	1
7	7	27	5
8	2	28	4
9	12	29	not stated
10	7 1 on leave	30	2
11	7 2 on leave	31	3
12	4	32	3
13	2	33	3
14	1	34	3 1 Health Education Teacher
15	6 2 on leave	35	5 1 Health Education Teacher
16	6 also two Health Education Teachers	36	6 1 Health Teacher
17	4 2 Health Education R.N., M.D. on leave	37	1
18	4	38	4
19	3 3 on leave	39	4
20	4 2 dual teachers	40	9 4 on leave

Table X

Number of Faculty in Physical Education Department

Not Stated	Persons One	Two	Three	Four	Five	Six	Seven	Nine	Twelve
1	3	4	11	9	2	4	4	1	1

Pupil-teacher ratio was unobtainable in the years 1944-1947.

- 9 Practice teachers spend full time for one quarter at the receiving school and become fully acquainted with the school life. Practice teachers take part in whatever projects and events take place during their quarter of teaching.
- 10 Vocational teaching in physical education does not go on the elementary and secondary school level.
- 12 "...I think possibly we are the only one that has a full-time registered nurse and a college physician."
- 13 Curriculum undergoing changes. Long range plans include (added facilities for improving the library at the State Teachers' College at Farmington, and a new dormitory is planned for the men at Jorhok.
- 15 "The Program of Teacher-Training is not the same in the five Missouri State Teachers' Colleges. Recently there has been a committee appointed by the State Department to study the curriculum of each of the Teachers' Colleges. A representative from each college makes up the committee and it is hoped that a more uniform program will be a result of the committee work."
- 22 Program of Physical Education practically the same for Teachers' Training in all the Teacher-Training Institutions.
- 23 Curriculum divisions in Health Education
- 24 Courses of study being revised.
- 45 No other collegiate institutions for teacher training in this state.

Memoranda from the surveys received from the several schools and Teachers' Colleges.

Table X

Number of Faculty in Physical Education Department

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1	3	4	11	9	2	4	4	1	1	

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Chapter V

Pertinent Facts*

Key no.

- 1 Anticipate some changes in the fields of health and physical education
- 9 Practice teachers spend full time for one quarter at the campus school and become fully acquainted with the school life. Practice teachers take part in whatever projects and events take place during their quarter of teaching.
- 10 Practice teaching in Physical Education done both on the elementary and secondary school level.
- 12 "...I think possibly we are the only one that has a full-time registered nurse and a college physician."
- 13 (Curricula undergoing changes. Long range plans include added facilities for improving the library at the State
- 14 Teachers' College at Farmington, and a new dormitory is planned for the men at Gorham.
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- 33 Program of Physical Education practically the same for Teachers' Training in all the Teacher-Training Institutions.
- 37 Curriculum additions in Health Education
- 39 Course of Study being revised.
- 40 No other collegiate institutions for teacher training in this state.

*Comments from the letters received from the normal schools and Teachers Colleges.

Continuing Education

Continuing education is the study of subjects and technical education.

Continuing education is a process of learning that is ongoing and lifelong. It is a process of learning that is ongoing and lifelong. It is a process of learning that is ongoing and lifelong.

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The Unusual and the Commendable Points

Key no.

- 4 It is suggested that all elementary majors learn to play simple accompaniments. They may enroll for group piano instruction.
- 6 Women only: all students are urged to secure at least one hour of recreation each day. Intercollegiate games are not permitted.
- 8 "No person should be permitted to teach in the public schools of the state who does not possess sound physical and mental health." A course in Health and Hygiene and two full years of Physical Education are required of all students.
- 10-11 Excellent bulletins--Health Education in Colleges prepared by the Kansas State Policy-Making Committee on Health Education, 1945.
- 11 Every student is given a physical examination each semester.
- 13-14 Nutrition is included in the Health and Physical Education program.
- 15 All four-year elementary students, entrance examination in piano... Those who do not have the necessary proficiency will be requested to study piano until the necessary proficiency has been attained.
- 17-39 Separate departments for Health Education.
- 18 Marching band listed for men under Physical Education Department courses: may be taken two successive years for a total of three semester hours of credit.
- 27 This college has a separate Department of Safety Education. Excellent bulletins are furnished on Health Education Workshop and Programs of Recreational Games for Elementary and Secondary Schools.
- 28 Teacher's oath or affirmation is required for teacher certification. This oath is taken when the student makes application for graduation.
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Chapter VI

Summary

In this study of teachers' colleges in states comparable to Maine, only a few colleges and normal schools prepare their students primarily for teaching in the elementary schools. In other sections of the country, these colleges train their students in many other fields of education.

Twenty-three of the colleges and normal schools offer professional training in health and physical training. Although there is a trend toward the separation of the Department of Health Education from the Department of Physical Education, this study does not show that such separation has as yet been made.

Teachers' Colleges in the southern and western sections of the United States have expanded their facilities for physical education more rapidly than have similar colleges in the East.

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Bibliography

(Bulletins and Courses of Study were received from the following colleges and normal schools.)

State Teachers College	Florence, Alabama
State Teachers College	Troy, Alabama
Henderson State Teachers College	Arkadelphia, Arkansas
Colorado State College of Education	Greeley, Colorado
University of Miami	Coral Gables, Miami, Florida
Florida State College for Women	Tallahassee, Florida
The University of Georgia The College of Education	Athens, Georgia
Albion State Normal School	Albion, Idaho
Iowa State Teachers College	Cedar Falls, Iowa
Kansas State Teachers College	Emporia, Kansas
Kansas State Teachers College	Pittsburg, Kansas
Eastern Kentucky State Teachers College	Richmond, Kentucky
State Teachers College	Farmington, Maine
State Teachers College	Gorham, Maine
State Teachers College	Duluth, Minnesota
State Teachers College	St. Cloud, Minnesota
Northeast Missouri State Teachers College	Kirkville, Missouri
Northwest Missouri State Teachers College	Maryville, Missouri
State Normal College	Dillon, Montana
Northern Montana College	Havre, Montana
Nebraska State Teachers College	Chadron, Nebraska

Bibliography

(Bulletins and Courses of Study were received from the following colleges and normal schools.)

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Aldon State Normal School	Athens, Georgia
Iowa State Teachers College	Aldon, Idaho
Kansas State Teachers College	Cedar Falls, Iowa
Kansas State Teachers College	Emporia, Kansas
Eastern Kentucky State Teachers College	Pittsburg, Kansas
State Teachers College	Richmond, Kentucky
State Teachers College	Watlington, Maine
State Teachers College	Gorham, Maine
State Teachers College	Duluth, Minnesota
State Teachers College	St. Cloud, Minnesota
Northwest Missouri State Teachers College	Kirkville, Missouri
Northwest Missouri State Teachers College	Maryville, Missouri
State Normal College	Dillon, Montana
Northern Montana College	Butte, Montana
Nebraska State Teachers College	Chadron, Nebraska

Nebraska State Teachers College	Kearney, Nebraska
Peru State Teachers College	Peru, Nebraska
Nebraska State Teachers College	Wayne, Nebraska
Keene Teachers College	Keene, New Hampshire
Plymouth Teachers College	Plymouth, New Hampshire
New Mexico State Teachers College	Silver City, New Mexico
State Teachers College	Dickinson, North Dakota
State Normal and Industrial College	Ellendale, North Dakota
State Teachers College	Mayville, North Dakota
State Teachers College	Minot, North Dakota
Southeastern State College	Durant, Oklahoma
Northeastern State College	Tahlequah, Oklahoma
East Tennessee State College	Johnson City, Tennessee
Middle Tennessee State College	Murfreesboro, Tennessee
East Texas State Teachers College	Commerce, Texas
State Normal School	Castleton, Vermont
State Teachers College	Farmville, Virginia
Fairmont State College	Fairmont, West Virginia
University of Wyoming	Laramie, Wyoming

Irwin, Leslie W.	The Curriculum in Health and Physical Education
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Harper, Charles A.	A Century of Public Teacher Education
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